AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

ABSTRACT OF THE DISCLOSURE

A power amplifier pre-distorter is formed by a FIR filter structure that includes an individual look-up table ~~(LUT0, LUT1, LUT2)~~ for each filter tap, where each look-up table represents a sampled polynomial in a variable representing signal amplitude. An absolute value block ~~(10)~~ selects, from each filter tap look-up table, a filter coefficient that depends on the amplitude of a corresponding complex signal value to be multiplied by the filter tap. This structure can pre-distort both for amplitude distortion and memory effects in the power amplifier

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